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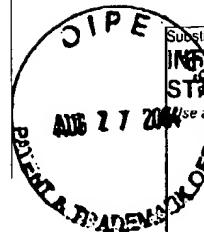
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<i>Complete if Known</i>	
Application Number	09/885,456
Filing Date	June 19, 2001
First Named Inventor	HINES, Kenneth
Group Art Unit	2122
Examiner Name	YIGDALL, Michael
Attorney Docket No: 42P18905	

Sheet 1 of 2

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
MY	US-5,428,782	06/27/1995	WHITE	395	650	
MY	US-5,581,691	12/03/1996	HSU, ET AL.	395	182.13	08/18/1995
MY	US-5,642,478	06/24/1997	CHEN, ET AL.	395	183.21	12/13/2002
MY	US-5,724,508	03/03/1998	HARPLE, JR., ET AL.	395	200.04	12/13/2002
MY	US-5,870,588	02/09/1999	ROMPAEY, ET AL.	395	500	10/23/1996
MY	US-5,920,717	07/06/1999	NODA, ET AL.	395	701	12/18/1996
MY	US-6,038,381	03/14/2000	MUNCH, ET AL.			11/25/1997
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MY	US-6,134,676	10/17/2000	VANHUBEN, ET AL.	714	39	04/30/1998

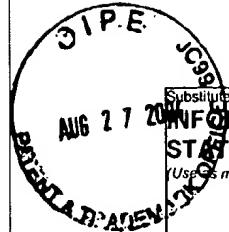
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Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
MY	1	BARRETT, et al., "A framework for event-based software integration", <u>ACM Transactions on software engineering and methodology</u> , 5(4), (1996), 378-421				
MY	2	BORNING, A , et al., "CLASSES VERSUS PROTOTYPES IN OBJECT-ORIENTED LANGUAGES", <u>FALL JOINT COMPUTER CONFERENCE</u> , (1986),				
MY	3	CHOU, P , "CONTROL COMPOSITION AND SYNTHESIS OF DISTRIBUTED REAL-TIME EMBEDDED SYSTEM", <u>PH.D. THESIS, UNIVERSITY OF WASHINGTON</u> , (1998),				
MY	4	CIANCARINI, P , "COORDINATION MODELS AND LANGUAGES AS SOFTWARE INTEGRATORS", <u>ACM COMPUTING SERVEYS</u> , 28(2), (1996), 300-302				
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MY	6	GELERNTER, D , et al., "COORDINATION LANGUAGES AND THEIR SIGNIFICANCE", <u>COMMUNICATIONS OF THE ACM</u> , 35(2), (1992), 97-107				
MY	7	GELERNTER, D , "GENERATIVE COMMUNICATION IN LINDA", <u>ACM TRANSACTIONS ON PROGRAMMING LANGUAGES AND SYSTEMS</u> , 7(1), (1986),				
MY	8	GUL, AGHA , "CONCURRENT OBJECT-ORIENTED PROGRAMMING", <u>COMMUNICATIONS OF THE ACM</u> , VOL. 33, NO. 9, (9/1990), 125-141				
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MY	10	LIEBERMAN, H , "USING PROTOTYPICAL OBJECTS TO IMPLEMENT				

EXAMINER

Michael Yigdall

DATE CONSIDERED 9/23/04



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<p>AUG 27 2001</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)</p>		Complete if Known	
		Application Number	09/885,456
		Filing Date	June 19, 2001
		First Named Inventor	HINES, Kenneth
		Group Art Unit	2122
		Examiner Name	YIGDALL, Michael
Sheet 2 of 2		Attorney Docket No: 42P18905	

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(sheet 1)		SHARED BEHAVIOR IN OBJECT ORIENTED SYSTEMS", <u>OOPSLA '86 PROCEEDINGS</u> , (1986),	
MY	¹¹	SELIC, B, "USING UML FOR MODELING COMPLEX REAL-TIME SYSTEMS", (1998),246-256	
MY	¹²	TALLMAN, O , et al., "COM VERSUS CORBA: A DECISION FRAMEWORK", DISTRIBUTED COMPUTING, (1998),	

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Michael Yigdall

DATE CONSIDERED

9/23/04

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(RPT P-85) SC-10

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)ATTY. DOCKET NO.
10488/12:1APPLICATION NO.
09/885,456APPLICANT
Kenneth J. HinesFILING DATE
June 19, 2001GROUP
2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MY	AA	5 8 1 9 2 7 0	10/06/98	Malone et al.	707	7	

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RECEIVED OCT 12 2001 Technology Center 2100		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MY	AB	[Baecker et al., 1997] Baecker, R., DiGiano, C., and Marcus, A. (1997). Software Visualization for Debugging. <i>CACM</i> , Vol. 40, No. 4, April 1997, pgs. 44-54.
MY	AC	[Bates, 1986] Bates, P.C. (1986). <i>Debugging Programs in a Distributed System Environment</i> . Ph.D. thesis, University of Massachusetts, Amherst.
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MY	AE	[Bruegge, 1991] Bruegge, B. (1991). A Portable Platform for Distributed Event Environments. In <i>ACM/ONR Workshop on Parallel & Distributed Debugging</i> , pgs. 184-193.
MY	AF	[Fidge, 1991] Fidge, C.J. (1991). Logical Time in Distributed Computing Systems. <i>IEEE Computer</i> , 24(8):28-33.
MY	AG	[Hines and Borriello, 1998] Hines, K. and Borriello, G. (1998). Debugging Distributed Implementations of Modal Process Systems. <i>Lecture Notes in Computer Science</i> . 1474:98-107.
MY	AH	[Khousam and Kunz, 1996] Khousam, M. and Kunz, T. (1996). Single Stepping in Event-Visualization Tools. In <i>Proceedings of the 1996 CAS Conference</i> , pages 103-114.
MY	AI	[Koehnemann and Lindquist, 1993] Koehnemann, H. and Lindquist, T. (1993). Towards Target-Level Testing and Debugging Tools for Embedded Software. In <i>Conference Proceedings on Tri-ADA '93</i> , pages 288-298.
MY	AJ	[Kundu, 1996] Kundu, J. (1996). <i>Integrating Event- and State-Based Approaches to the Debugging of Parallel Programs</i> . Ph.D. thesis, University of Massachusetts, Amherst.
MY	AK	[Kunz, 1994] Kunz, T. (1994). <i>Abstract Behavior of Distributed Executions with Applications to Visualization</i> . Ph.D. thesis, Technische Hochschule Darmstadt, Darmstadt, Germany.
MY	AL	[Mattern, 1989] Mattern, F. (1989). On the Relativistic Structure of Logical Time in Distributed Systems. <i>Parallel and Distributed Algorithms</i> .

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
10488/12:1APPLICATION NO.
09/885,456INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)APPLICANT
Kenneth J. HinesFILING DATE
June 19, 2001GROUP
2122

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MY	AM	[Netzer and Xu, 1993] Netzer, R. H. B. and Xu, J. (1993). Adaptive Message Logging for Incremental Program Replay, <i>IEEE Parallel and Distributed Technology</i> , pages 32-39.
	AN	[Harter et al., 1985] Harter, Jr., P.K., Heimbigner, D.M., and King, R. (1985). IDD: An Interactive Distributed Debugger. In <i>Proc. of the 5th International Conference on Distributed Computing Systems</i> , pages 498-506. IEEE.
MY	AO	[Russell, 1980] Russell, D. L. (1980). State Restoration in Systems of Communicating Processes. <i>IEEE Transactions of Software Engineering</i> , Vol. SE-6, No. 2, pgs. 183-194.
MY	AP	[Shende et al., 1996] Shende, S., Cuny, J., Hansen, L., Kundu, J., McLaughry, S., and Wolf, O. (1996). Event and State-Based Debugging in TAU: A Prototype. In <i>Symposium on Parallel and Distributed Tools</i> , pages 21-30.
MY	AQ	[Side and Shoja, 1994] Side, R. S. and Shoja, G. C. (1994). A Debugger for Distributed Programs. <i>Software - Practice and Experience</i> , Vol. 24(5, pgs. 507-525.
MY	AR	[Taylor, 1992], Taylor, D.J. (1992). A Prototype Debugger for Hermes. In <i>Proceedings of the 1992 CAS Conference</i> , pgs. 313-326.
MY	AS	[Taylor, 1995] Taylor, D. J. (1995). Event Displays for Debugging and Managing Distributed Systems. In <i>International Workshop on Network and Systems Management</i> .
MY	AT	[Tsai et al., 1990] Tsai, J. J. P., Fang, K. Y., and Chen, H. Y. (1990). A Noninvasive Architecture to Monitor Real-Time Distributed Systems. <i>IEEE Computer</i> , 23:11-23.
MY	AU	[Valot, 1993] Valot, C. (1993). Characterizing the Accuracy of Distributed Timestamps. In <i>ACM/ONR Workshop on Parallel & Distributed Debugging</i> , pgs. 43-52.
MY	AV	[Zernik et al., 1992] Zernik, D., Snir, M., and Malki, D. (1992). Using Visualization Tools to Understand Concurrency. <i>IEEE Software</i> , 9(3):87-92.

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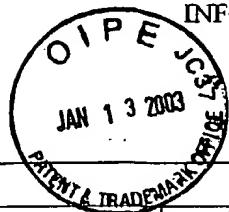
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MY	AA	5	4	2	8	7	8	2	6/27/95	White	395	650		
MY	AB	5	6	4	2	4	7	8	6/24/97	Chen, et al.	395	183.21		
MY	AC	5	7	2	4	5	0	8	3/3/98	Harple, Jr. et al.	395	200.04		
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MY	AL	EP 0 881 568 A2	29.05.1998	Europe	G06F	9/46		
MY	AM	EP 0 822 484 A2	04.02.1998	Europe	G06F	9/44		
	AN							
	AO							
	AP							

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MY	AR	Ken Hines and Gaetano Borriello, "A Geographically Distributed Framework for Embedded System Design and Validation," <i>DAC 98, June 15-19, 1998, San Francisco, CA USA</i> , pp. 140-145.
MY	AS	Gopalan Suresh Raj, "A Detailed Comparison of CORBA, DCOM, and Java/RMI," <i>Web Cornucopia, wysiwyg://402/http://gsraj.tripod.com/misc/compare</i>
MY	AT	"CORBA Overview," <i>CORBA v2.0</i> , July 1995, pp. 2-1 to 18-5

EXAMINER

Michael Yigdall

DATE CONSIDERED

12/22/03

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ATTY. DOCKET NO.

APPLICATION NO.

10488/11:1

09/885,448

APPLICANT

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June 19, 2002

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MY	AR	Richard J. Anderson, Paul Beame, Steve Burns, et al., "Model Checking Large Software Specifications," <i>Sigsoft '96 California, USA</i> , pp. 156-166.
MY	AS	Christopher B. Borchert, "Organization and Management of Distributed Execution Event Histories For Real-Time Debugging," <i>IEEE</i> , pp. 343-345.
MY	AT	Mariano P. Consens, Masum Z. Hasan, Alberto O. Mendelzon, "Visualizing and Querying Distributed Event Traces with Hy+," <i>Computer Systems Research Institute, University of Toronto</i> , June 1994, pp. 123-141.

EXAMINER	Michael Yigdall	DATE CONSIDERED	12/22/03
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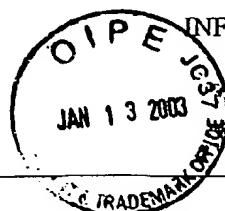
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MY	AR	Wentong Cai; Wendy J. Milne and Stephen J. Turner, "Graphical Views of the Behavior of Parallel Programs," <i>Journal of Parallel and Distributed Computing</i> , June 18, 1993, No. 2, Orlando, FL, USA, pp. 223-230.
MY	AS	Matthew S. Jaffe, Nancy G. Leveson, Mats P.E. Heimdahl, et al., "Software Requirements Analysis for Real-Time Process-Control Systems," <i>8198 IEEE Transactions on Software Engineering</i> , March 17, 1991, No. 3, New York, US, pp. 241-257.
MY	AT	Thomas Kunz, David J. Taylor, and James P. Black, "Poet: Target-System-Independent Visualizations of Complex Distributed Executions, <i>IEEE</i> , 1997, pp. 452-461.

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MY	AR	Doug Kimelman and Dror Zernik, "On-the-Fly Topological Sort – A Basis for Interactive Debugging and Live Visualization of Parallel Programs," 8398 ACM Sigplan Notices, December 28, 1993, No. 12, New York, US, pp. 12-20.
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MY	AT	Stephen Edwards, Luciano Lavagno, Edward A. Lee, et al., "Design of Embedded Systems: Formal Models, Validation, and Synthesis," Proceedings of the IEEE, Vol. 85, No. 3, March 1997, pp. 366-389.

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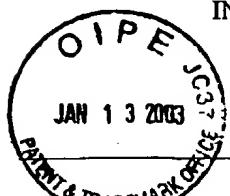
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MY	AR	Pai Chou, Ross Ortega, Ken Hines, et al., "IPChinook: An Integrated IP-based Design Framework for Distributed Embedded Systems," pp. 44-49.
MY	AS	Pai Chou, Ken Hines, Kurt Partridge and Gaetano Borriello, "Control Generation for Embedded Systems Based on Composition of Modal Processes," pp. 46-53.
MY	AT	Pai H. Chou and Gaetano Borriello, "Synthesis and Optimization of Coordination Controllers for Distributed Embedded Systems," pp. 410-415.

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